FORM PTO-14	149				Atty. Docket No.: Serial No.: 10/804,402						
L	IST OF PATENTS				FOR		-	licant:			
PE	APPLICAN DISCLO										
\0\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	DISCLO						Cla	rk E. Smi	th et al.		
( NUK )	-a0L \	•		•			Fil	ing Date	/	Group Art:	
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				J.S. PA	ATENT D	OCUMENTS					
Examiner Initial	Document No.	Dat	e		Na	me		lass	Sub Class	Filing Date If Appropriate	
AA	2,514,749	7/11/	50	Dalze	11		/	171	95		
AB	3,593,099	7/13/	71	Schol		$\triangle$	320	13			
AC	3,607,673	2/21/	71	Seyl		204	1	·			
AD	3,676,770	7/11/	72	Shara		324	29.5				
AE	3,729,989	5/1/7	3	Littl	/		73	133			
AF ·	3,753,094	8/14/	<b>\</b> 3	Furui	al.		324	29.5			
AĢ	3,808,522	4/30/	74	Shara	f /			324	29.5		
AH	3,811,089	5/14/	74	Strez	elewic	z		324	170		
AI	3,873,911	3/25/	75	hamp	lin			324	29.5		
AJ	3,886,443	5/27/	75	MiXak	awa et	al.		324	29.5		
AK	3,889,248	6/10/	75	Ritte	r			340	249		
AL	3,906,329	9/16/	75	Bader	7_			320	44		
			FO	REIGN	PATENT	DOCUMENT	rs			•	
	Document	Ng.	D	ate		Country		Class	Sub Class	Translation Yes No	
AM	59-17892		1/30	/84	Japan					Abstract Only	
AN	59-17893		1/30	/84	Japan					Abstract Only	
AO	59-1789		1/30		Japan		7			Abstract Only	
AP	<del></del>	Includ					$\overline{}$	nent Page		Montin-U	
Ar	"Electrochem Batteries In	ternati	lonal	, Apri	1 1997,	pgs. 59	acte	1 95-63.	pment and	resting",	
AQ	"Mattery Imp 1959, pgs. 9	edance' 22-925.	', by	E. Wil	llihnga	nz et al	., <u>E</u>	lectrical	Engineer:	ing, September	
AR	"Determining 368.	nd of	Batte	e", by S.	5. DeBardelaban, <u>IEEE</u> , 1986, pgs. 365-						
A/S	"A Look at t 397.	he Impe	edance	e of a	Cell",	by S. D	Debardelaben, IEEE, 1988, pgs. 394-				
EXAMINER:					•	DATE CO	CONSIDERED:				

FORM PTO-14	49				Atty. Docket No.: Serial No.: 10/804,402				
6	PATENTS PLICAN SASCLOS	T'S INE	ORMA:	NOI	FOR	App	licant:		
. Min	, , 1001 JE					Cla	rk E. Smit	h et al.	
101 g	1 1 MAN SE				•	Fil	ing Date		Group Art:
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			Ü	J.S. PA	ATENT DOCUMENTS	a. a a		/:	
Examiner Initial	Document No.	Dat	е		Name		Class	Sub Class	Filing Date If Appropriate
AT	3,909,708	9/30/	75	Champ	liņ		3/24	29.5	
AU	3,936,744	2/3/7	5		//324	158			
AV	3,946,299	3/23/	76		320	43			
AW	3,947,757	3)30/	76	et al.		324	28		
AX	3,969,667	7/13X	76	liams		324	29.5		
AY	3,979,664	9/7/7		Harri	s		324	17	
AZ	3,984,762	10/5/	16	Dowgi	allo, Jr		324	29.5	
BA	3,984,768	10/5/	76	Stapl	es ′		324	62	
BB	4,008,619	2/22/	77	Aldai	de ex al.		73	398	<u> </u>
ВС	4,053,824	10/11,	777	Dupui	et al.		324	29.5	
BD	4,070,624	1/24/	78	Taylo	£ \		327	158	
BE	4,086,531	4/25/	78	Berni	er		324	158	
			FO	EIGN	PATENT DOCUMENT	?s			
	Document 1	No.	Dā	ate	Country		Class	Sub Class	Translation Yes No
BF	60225078	<i>/</i> · /	11/9	/85	Japan	$\overline{}$			Abstract Only
BG	04372536	./	12/2	5/92	Japan	`,	<u> </u>		Abstract Only
ВН	04131779		5/6/	92	Japan .				Abstract Only
	OTHER ART (	Includ	ing A	uthor,	Title, Date, F	Perti	nent Page	s, Etc.)	
BI				Storage Cells", D, pgs. 3-11.	by	N.A. Hamp	son et al	., <u>Journal of</u>	
BJ	"A Package f Jonics, 1986	or Impe , pgs.	dance 136-	ttance Data Ana	nalysis", by B. Boukamp, <u>Solid State</u>				
ВК	"Precision o Diffusion Pa 1-11.	f Imped rameter	lance s", l	roscopy Estimat Macdonald et al	mates of Bulk, Reaction Rate, and al., J. Electroanal, Chem., 1991, pgs.				

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FORM PTO-1	449					C38	y. Docket 2.12-0180	No.:	Serial No.: 10/804,402	
I	IST OF PATENT: APPLICAN				FOR	App	olicant:			
		SURE ST								
						Clark E. Smith et al.				
)						Fil	ing Date		Group Art:	
						March 18, 2004				
			τ	ATENT DOCUMENTS		/				
Examiner Initial	Document No.	Dat	е		Name		Class	Sub Class	Filing Date If Appropriate	
BL	4,112,351	Q/5/7	8		3/24	16				
BM	4,114,083	9/12/	78	m et al.		320	39			
BN	4,126,874	11/21	<b>L</b> 78	Suzuk	i et al.		354	60		
ВО	4,178,546	12/11	/79	Hulls	et al.	Ζ	324	158		
BP	4,193,025	3/11/	во	Frailing et al.			324 ·	427		
BQ	4,207,611	6/10/	80	Gorde	n /		364	580		
BR	4,315,204	2/9/8	2	Sieve	rs et al.	•	322	28		
BS	4,316,185	2/16/	B2	Watro	us et al.		340	636		
BT	4,322,685	3/30/	32	Frail	ing/ex al		324	429		
BU	4,363,407	12/14	/82	Barkl	er et al.		209	3.3		
. BV	4,369,407	1/18/	33	Korbé	<b>y</b> /		324	416	•	
BW	4,412,169	10/25	/83	Dell	Orto		320	64		
		· -	FO	RZIGN	PATENT DOCUMENT	'S				
	Document	No.	Da	ate	Country		Class	Sub Class	Translation Yes No	
BX	03282276		12/1	2/91	Japan				Abstract Only	
BY	03274479		12/5	/91	Japan				Abstract Only	
BZ	5216550	//	8/27	/93	Japan				Abstract Only	
CA	59017894		1/30	Japan				Abstract Only		
-	OTHER ART (	Includ	ing A	Title, Date, P	erti	nent Page	s, Etc.)			
СВ	"Internal Re Lead Acid Ba Ch/ 24/17, pp	tteries	s, by	er of Capacity	Loss , <u>A</u>	in Starv T&T Bell	ed Electro Laboratori	olyte Sealed les, 1987 IEEE,		

DATE CONSIDERED:

EXAMINER:

FORM PTO-14	FORM PTO-1449								Atty. Docket No.: Serial No.: C382.12-0180 Serial No.:			
L	IST OF PATENTS APPLICAN DISCLOS	S AND P T'S INE SURE ST	ORMA	TION	FOR		App	olica	nt:			
							Cla	rk E	. Smi	th et al.		
							Fil	ing	Date		Group Art:	
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Examiner Initial	Document No.	Dat	e		Na	me		Cla	ass /	Sub Class	Filing Date If Appropriate	
СС	4,390,828	6/28/8	33	Conve	rse et	al.		32	20/	32		
CD	4,392,101	7/5/8:	3	Saar	et al.			34	20	20		
CE	4,396,880	8X2/8	3	Windel	bank			/32	20	21		
CF	CF 4,408,157 10/4/83 Beaubien							32	24	62		
CG	4,423,378	Marin	o et a	l.	$\overline{}$	32	24	427				
СН	4,423,379	Jacob	s et a	1.		32	24	429				
CI	4,424,491	Bobbe	tt et a	al.		32	24	433				
CJ	4,459,548							32	24	158		
СК	4,514,694	4/30/8	35	Finge	1			32	24	429		
CL	4,520,353	5/28/8	35	McAul:	iff			34	10	636		
СМ	4,667,279	5/19/8	37	Maier	/ \			36	53	46		
CN	4,678,998	7/7/87		Muram	atsu			32	24	427		
со	4,679,000	7/7/87	, .	Clark		$\overline{}$		32	24	42.8		
CP	4,697,134	9/29/8	37	Burku	m et a	1.		32	20	48		
	T		FØ	REIGN	PATENT	DOCUMENT	3			. 1		
	Document	No.	D	ate		Country			Class	Sub Class	Translation Yes No	
CQ	EP 0 772 056	A1 /	5/7/	97 .	EPO		,	-1		<u> </u>	x	
CR	EP 0 637 754	A1/.	2/8/	'95	EPO				$\lambda$		X	
cs	2 088 159 A	<u>/</u> ·	6/3/			Britain			$\overline{}$		х	
1	OTHER ART	Includ	.ng A	uthor,	Title	Date, P	ert:	inent	Pagè	s, Etc.)		
CT.	Lead Storage Batteries for Generating							and S	ubsta	tions, The	Institute of	
CU	CU "Field and Laboratory Studies to Asses Lead Acid Batteries: Part I Conductand Feder et al., <u>IEEE</u> , August 1992, pgs.							e of	Heal relat	th of Value	e-Regulated	
EXAMINER:	7					DATE CO	NSID	ERED:				

FORM P	FORM PTO-1449								Atty. Docket No.: Serial No.: 10/804,402				
	LI	ST OF PATENTS APPLICAN DISCLOS	T'S IN	FORMA	TION	FOR	App	licant:					
							Cla	rk E. Smi	th et al.				
	9 1						Fil	ing Date		group Art:			
							March 18, 2004						
			\	1	U.S. PA	ATENT DOCUMENTS							
Exami: Initi		Document No.	Det	:e		Name		Class	Sub Class	Filing Date If Appropriate			
	CV 4,707,795 11/17/87 Alber et al.							36/	550				
	CW 4,709,202 11/24/87 Koenck et al.							320	43				
CX 4,710,861 12/1/87 Kanner								363	46				
	4,719,428	88	Liebe	rmann		324	436						
	CZ 4,743,855 5/10/88 Randing et a.							324	430				
	DA	4,816,768	3/28/	89	Champ	lin		324	428				
	DB	4,820,966	4/11/	89	Fridm	an		320	32				
	DC	4,825,170	4/25/	89	Champ	lin		324	436				
	DD	4,849,700	7/18/	89	Morio	ka et al.		324	427				
	DE	4,881,038	11/14	/89	Champ	l <i>i</i> n		324	426				
	DF	4,912,416	3/27/	90	Champ	lin		324	430				
	DG	4,929,931	5/29/	90	MoCue	n	7	340	636	<del></del>			
	DH	4,931,738	6/5/9	0	MacIn	tyre et al.		324	435				
	DI	4,947,124	8/7/9	0 /	Hause	r		384	430				
	DJ	4,956,597	9/11/	98	Heave	y et al.		320	14				
	DK	4,968,941	11/6		Roger			324	428				
			/	FC	REIGN	PATENT DOCUMENT	rs						
		Document	yo.	D	ate	Country		Class	Sub Class	Translation Yes No			
	DL	WO 93/22668		11/1	1/93	WIPO				x			
	WO 98/58270		23/98	WIPO				Х .					
OTHER ART (Including Author, Title, Dat													
DN "Battery Impedance", by E. Willihnganz et 1959, pgs. 922-925.							al., Electrical Engineering, September						
DO "JIS Japanese Industrial Standard-Lead Ad Standards Association UDC, 621.355.2:629													
EXAMINE	ER:	/				DATE CO	NSID	ERED:					

FORM	PTO-14	49					C382.12-0180 Serial No.: 10/804,402				
	LI	ST OF PATENT: APPLICAN DISCLOS	T'S IN	FORMA	TION	S FOR	App	lic	ant:		
							Cla	rk	E. Smi	th et al.	
							Fil	ing	Date		Group Art:
							Mar	ch	18, 20	04	
					J.S. PA	ATENT DOCUMENTS					
Exam: Init		Document	Dat	e		Name		С	lass	Sub Class	Filing Date If Appropriate
	DP	5,004,919	4/2/9	1	Marin	o et al.			324	160	
	DQ 5,032,825 7/16/91 Xuznicki									636	
	DR 5,047,722 9/10/91 Wurst et al.									430	
	DS 5,087,881 2/N/92 Peacock									378	
	DT	5,126,675	6/30	<b>%</b>	Yang				324	435	
	טט	5,140,269	8/18/	92	Champ	lin			324	433	
	DV	5,144,248	9/1/9	2	Alexa	ndres et a.			324	428	
	DW	5,170,124	12/8/	92	Bair	et al.			324	434	
	DX	5,204,611	4/20/	93	Nore	t al.			320	21	
	DY	5,214,370	5/25/	93	Harm	et ø1.			320	35	
	DZ	5,214,385	5/25/	93	Gabri	ex et al.			324	434	
	EA	5,241,275	8/31/	93	Fang				324	430	
	EB	5,254,952	10/19	/93	Sálle	y et al.			324	429	
	EC	5,281,919	1/25/	94	Palan	isamy			324	427	
	ED	5,281,920	1/25/	94 /	Wurst				324	430	
	EE	5,295,078	3/15/	<i>F</i>	Stich	et al.			364	483	
	EF	5,298,797	3/.29	94	Redl				307	246	
EG 5,300,874 /4/8/94 Shimamoto et al.								_	320	15	
	ЕН	5,302,902 /	1/12/		Groeh				324	434	<del>_</del>
			<i>,</i>	FO	REIGN	PATENT DOCUMENT	rs	·	$\longrightarrow$	Sub	Translation
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FORM I	FORM PTO-1449							Atty. Docket No.: Serial No.: 10/804,402				
	LI	ST OF PATENTS APPLICAN DISCLOS	T'S IN	FORMA	TION	3 FOR	App	licant:				
					•		Cla	rk E. Sm:	ith et al	. [1]		
							Fil	ing Date		Group Art:		
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	EK	5,331,268	7/19/	94	Patin	o et al.	·	320	20	:		
	EL	5,336,993	8/9/9	4	Thoma	s et al.		324	158.1			
	EM	5,352,968	1004/	94	Reni	et al.	,;	320	.35			
	EN	5,343,380	8/30	94	Champ	lin ,		′ 363	46			
	EO	5,365,160	11/15	/94	Leppo	et al.		320	22			
	EP	5,365,453	11/15	/94	Start	up et al./		364	481			
	EQ	5,381,096	1/10/	95	Hirke	1 //		324	427			
	ER	5,426,371	6/20/	95	Salle	y et al.		324	429			
	ES	5,432,426	7/11/	95	Yoshi	da ,		320	20			
	ET	5,434,495	7/18/	95	Toko			320	44			
	EU	5,442,274	8/15/	95	Tamai			320	23			
	EV	5,457,377	10/10	/95	Jonsa	on	$\Box$	320	5			
	EW	5,449,996	9/12/	95	/Maysu	moto et al.		320	20			
	EX	5,449,997	9/12/	95 🦯	Zilmo	re et al.		320	39			
	EY	5,485,090	1/16/	96/	Steph	ens		324	433			
	EZ	5,519,383	5/21/	96/	De La	Rosa		340 `	636			
	FA	5,528,148	6/18//	96	Roger	s		324	<b>\ 426</b>			
	FB	5,550,485	8/2/1/	96	Falk			324	772			
	FC	5,561,380	10/1/		_	Tin et al.		324	509			
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		Document l	No.	Da	ate	Country		Clas	Sub Class	`Translation Yes No		
	FD											
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EXAMINER:

Atty. Docket No.: C382.12-0180	Serial No.: 10/804,402
Applicant:	
Clark E. Smith et al.	1
Filing Date	Group Art:
March 18, 2004	
	C382.12-0180  Applicant:  Clark E. Smith et al.  Filing Date

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Examiner Initial	Document No:	Date		Name	Class	Sub Class	Filing Date If Appropriate			
FF	5,562,501	10/8/9	6 Kinos	shita et al.	43/8	852				
FG	5,572,136	11/5/9	6 Champ	olin	324	426				
FH	5,574,355	11/12/	96 McSha	ne et al.	320	39				
FI	5,585,728	12/17/	96 Champ	olin	324	427				
FJ	5,592,093	1/7/97	Kling	phiel	324	426				
FK	5,596,260	1/21/9	7 Moray	rec et al.	320	30				
FL	5,598,098	1/28/9	7 Champ	olin	324	430				
FM	5,602,462	2/11/9	7 Stick	et al.	323	258				
FN	5,606,242	2/25/9	7 Hull	et z1.	320	48				
FO	5,621,298	4/15/9	7 Harve		320	5				
FP	5,642,031	6/24/9	7 Brot	.0	320	21				
FQ	5,650,937	7/22/9	7 Bouna	iga .	364	483				
FR	5,652,501	7/29/9	7 McClu	re et al.	320	17				
FS	5,675,234	10/7/9	7 Green	ie .	320	15				
FT	5,677,077	10/14/	97 Faulk		429	90				
FU	5,699,050	12/16/	97 Kanaz	awa	340	636				
FV	5,701,089	1/2/23/	97 Perki	ns	327	772				
FW	5,717,336	2/10/9	Basel	l et al.	324	430				
FX	5,757,192	5/26/9	8 McSha	ne et al.	324	427				
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FORM PTO-1	ORM PTO-1449							Atty. Docket No.: Serial No.: 10/804,402				
I	IST OF PATENT: APPLICAN DISCLOS	T'S IN	FORMA	TION	S FOR	App	olicant:					
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						Fi:	ling Dat	е		Group Ar	t:	
						Ma	rch 18,	200	1			
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GA	5,773,978	6/30/	98	Becke	r		324		430			
GB	5,789,899	8/4/9	8	van P	huoc et al.		320		30			
GC	5,793,359	8/11/	98	Ushik	ubo		345		169			
GD	5,821,756	10/13	<b>X</b> 98	McShane et al.			324		430			
GE	5,831,435	11/3/	98	Troy			324		426			
GF	5,872,443	2/16/	99	Willi	amson		320		21			
GG	5,914,605	6/22/	99	Bertn	ess		324		430			
GH	5,945,829	8/31/	99	Berta	ess		324		430			
GI	3,356,936	12/5/	67	Smith	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		324	·	29.5			
GJ	5,488,300	1/30/	96	Jamie	son ill		324		432			
GK	6,002,238	12/14	/99	Champ	in		320		134			
GL	6,037,777	3/14/	00	Champ	lin		324		430			
GM	6,051,976	4/18/	00	Pertn	ess	1,1	324	$\perp$	426			
GN	6,081,098	6/27/	00	Bertn	ess et al.		320		134			
GO	6,091,245	7/18/	00/	Bertn	ess		324	ᆚ	426			
GP	6,104,167	8/15/	<b>%</b>	Bertn	ess et al.		320	`.	132			
GQ	6,137,269	10/24		Champ.			320		<b>\ 150</b>		·	
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GR	DE 29 26 7/16	81	Germany				\ \ \ .		<b>x</b> .			
GS									1	X		
	OTHER ART (Including Author, Title, Date						inent Pa	ges	, Etc.)	\',`		
GT	April 18-20, 1912, paper No. 19, pgs. 1-						en, Preprint of Am. Electrochem. Soc.,					
GU "A Bridge for Measuring Storage Battery Res Electrochemical Society, preprint 79-20, Ap					sistance", by E. Willihncanz, The April 1941, pgs. 253-258.							
EXAMINER:	NER: DATE						CONSIDERED:					

FORM PTO-1	ORM PTO-1449							Atty. Docket No.: Serial No.: 10/804,402			
I.	IST OF PATENT: APPLICAN DISCLO	S AND E	FORMA	TION	5 FOR	App	olicant:				
						Cla	rk E. Sm	ith et a	1.		
	1					Fil	ing Date		Group Art:		
						Mar	ch 18, 2	004			
			1	U.S. PA	ATENT DOCUMENTS			/			
Examiner Initial	Document No.	Dat	:e		Name	.,	Class	Sub Class	Filing Date If Appropriate		
GV	3,562,634	2/9/7	1.	Latne	r		81	04			
GW	4,379,990	4(12/	83	Sieve	rs et al.		322	99	·		
GX	5,144,218	9/1/29	2	Bossc	ha		320	44	· · · · · · · · · · · · · · · · · · ·		
GY	5,315,287	5/24/	9)4	Sol			340	455			
GZ	5,469,043	11/21	/95	Chern	g et al.		320	31			
НА	5,546,317	8/13/	96	Adri	eu		364	481			
нв	5,583,416	12/10	/96	Klang			320	22			
· HC	5,589,757	12/31	/96	Klang			320	22			
HD	5,656,920	8/12/	97	Chern	g et al.		320	31			
HE	5,710,503	1/20/	98 ·	Sider	is et al.		320	6			
HF	5,760,587	6/2/9	8	Harve	4		324	434			
НG	5,808,469	9/15/	98	Koper	a 🔍		324	43.4	·		
нн	6,008,652	12/28	/99	Theof	anopoulos et al		324	434			
HI	6,009,369	12/28	/99	Boisv	ert et al.	7	701	. 99			
НЈ	6,031,354	2/29/	00 /	Wiley	et al.	,	320	116			
HĶ	6,037,751	3/14/	09/	Klang			320	160			
HL	6,072,299	6/6/0	8	Kurie	et al.		320	112			
НМ	6,094,033	7/27/	00	Ding	et al.		320	132			
HN	6,163,156	13/19	/00	Bertn	ess		324	426			
но	6,172,483	1/9/0	1.	Champ	lin		320	134	$\sqrt{}$		
НР	6,172,505	1/9/0	1	Bertn	ess		324	430			
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HQ	2 749 397	12/5	5/97	France	<del>.</del>	_		х			
HR	59218674	5/84 .	<del></del>				Abstract Only				
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FORM I	PTO-14	49					Atty. Docket No.: Serial No.: 10/804,402				
	LI	ST OF PATENTS APPLICAN DISCLOS	T'S IN	FORMA	TION	FOR	App.	licant:			
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	нт	3,989,54	11/2/	76	Santo			429//	65		
	нυ	4,745,349	5/17/	88	Palan	isamy et al.		3 <b>/</b> 20	22		
	нv	4,876,495	10(24	/89	Palan	isamy et al.		320	18		
	нw	4,937,528	6/86%	90	Palan	isamy	X	324	430		
	нх	4,968,942	11/6	र्वे	Palan	isamy	7	324	430		
	нү	5,179,335	1/12/	93	Nor			320	21		
	HZ.	5,266,880	11/30	/93	Wewla	nd /		320	14		
	IA	5,451,881	9/19/	95	Finge	r /		324	433		
	IB	5,705,929	1/6/9	8	Cara	ello et/al.		324	430		
	IC	5,717,937	2/10/	98	Fritz			395	750.01		
	ID	5,862,515	1/19/	99	Kobay	aski et al.		702	63		
	IE	5,895,440	4/20/	99	Proct	or et al		702	63		
	IF	5,929,609	7/27/	99	Joy e	t al.		322	25		
	IG	6,072,300	6/6/0	0	zsuji			320	116		
	IH	4,659,977	4/21/	87	Kisse	l et al.		320	64		
	II	4,913,116	4/3/9	9/	Katog	i et al.		123	425		
	IJ	5,160,881	11/3/	92	Schra	mm et al.		382	7		
	IK	5,338,515	8/16/	64	Dalla	Betta et al.		422	95		
	IL	5,537,967	7/2/3/	96	Tashi	ro et al.		123	792.1		
	IM	5,548,273	8/120/	96	Nicol	et al.		340	439		
	IN	5,747,909	5/5/9	8	Syver	son et al.		310	196		
				FC	REIGN	PATENT DOCUMENT	S		. /		
		Document 1	No.	D	ate	Country		Class	Sub Class	Translation Yes No	
	10	62-180284		8/7/	/87 ·	Japan				Abstract	
	ΙP	7-12/8414		5/19	9/95	Japan				Abstract	
	· ·	OTHER ART (	Includ	ing A	uthor,	Title, Date, E	Perti	nent Page	es, Etc.)		
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	LI	ST OF PATENTS APPLICAN DISCLOS	T'S IN	FORMA	TION	S FOR		App	olic	ant:				/		
								Cla	ark	E. Smi	th e	t <b>/</b> 1.	,			
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	IR	6,114,834	9/5/0	0	Parise				329/	/ 10	09					
	IS	6,150,793	11/21	/00	Lesesky et al.				320	10	04				_	
	IT	3,876,931	4/8/7	5	Godsh	alk			$\perp$	324	29	.5	:			_
	ΙU	5,347,163	9/13/	94	Yoshi	mura				<b>3</b> 07	6	6				
	IV	5,939,861	8/1/7/	99 🔻	Joko	et al.			/							
	IW	5,339,018	8/16	94	Broka	W				320	3	5				
	IX	5,412,323	5/2/9	5	Kato	et al.		//		324	42	29				
	IY	5,426,416	6/20/	95	Jeffe	ries e	t al.			340	60	64				
	IZ	5,825,174	10/20	/98	Parke	r				324	10	06				
	JA	5,939,855	8/17/	99	Proct	or et	al.			320	10	04				_
	JВ	5,254,952	10/19	/93	Salle	y et a	<b>y</b> ;'			324	42	29				_
	JC ·	4,217,645	8/12/	80	Barry	et	<i>!</i>			364	48	83				
	JD	4,633,418	12/30	/86	Bisho	p//				364	. 55	54				
	JE	5,321,626	6/14/	94	Palla	di⁄no	/			364	48	83				
	JF	5,969,625	10/19	/99	Russo	/				340	63	36				-
	JG	6,222,369	4/24/	01	Champ	lin				324	43	30			•	_
	JН	6,225,808	5/1/0	1	yargh	ese et	al.			324	42	26				_
	JI	6,249,124	6/19/	01	Bertn	ess				384	42	26				
	JJ	6,259,254	7/10/	01/	Klang					324	42	27				_
	JK	6,262,563	7/17/	91	Champ	lin				320	13	34				
	JL	6,294,896	9/25/	01	Champ	lin				320	y	34				
	JM	6,294,897	9/25/		Champ					320	`15	53				
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	JN	4-8636		1/13	/92	Japan							X	(Abstr	act)	
	JO 63027776 2/5/88				Japan							Abs	tract	Only		
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FORM I	PTO-14	149						Atty. Docket No.: C382.12-0180			Serial No.: 10/804,402	
	L	IST OF PATENT: APPLICAN DISCLO	IT'S IN	FORMA	TION	5 FOR	F	Applicant:				
							L	Clark	E. Smalt	h et al.		
							E	Filing	Date		Group Art:	
							N	March 18, 2004				
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	JP	4,379,989	4/12/	83	Kurz et al.			$\angle$	320	26		
	JQ	4,680,528	7/14/	87	Mikam	i et al.	$\angle$		320	32 ·		
	JR	5,633,985	5/27/	97	Sever	son et al.			395	2.76		
	JS	5,739,667	4/14/	98	Matsu	da et al.			320	5		
	JT	4,024,953	5/1,97	7	Nailo	r, III			206	344	_	
	JU	6,250,973	6/200	<u> </u>	Lower	y et al.			439	763	<del> </del>	
	JV	6,254,438	7/2001 Gaus			7	439			755		
	JW	6,304,087	10/16/01 Rert			ess	·		324	426		
	JХ	6,310,481	10/30/01 Berte			ss			324	430		
	JY	6,313,607	11/6/01 Cham			Nich			320	132		
	JZ	6,313,608	11/6/01 Vargh			ese et al.			32	132 .		
	KA	6,316,914	11/13	/01	Berrn	ess			320	134		
	KB	5,435,185	7/25/	95	Eagan				73	587		
	KC	5,445,026	8/29/	95	Zagan				73	591		
	KD	4,667,143	5/19/	87	Coope	r et al.	/		320	22		
	KE	4,847,547	7/11/	89 /	Eng,	Jr. et al.		$X_{-}$	320	35		
	KF	5,574,355	11/12	/9/6	McSha	ne et al.			320	39	•	
	KG	4,663,580	5/5/8	1.	Wortm	an			320	35		
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		Document	No/	Di	ate	Country	 У		Class	Sub Class	Translation Yes No	
	KH	WO 99/23738	7	5/14	/99	WIPO	•				х	
	KI	WO 94/05069		3/3/	94	PCT					x	
		OTHER ART (	Includ	ing A	uthor,	Title, Date,	Pei	rtiner	t Page:	s, Etc.)		
	KJ	National Semiconductor Corporation, "High Q Notch Filter", 3/69, Linear Brief 5, March 1969.										
	KK	Burr-Brown C 071, 1994.	orpora	ion,	"Desi	gn A 60 Hz Not	ch	Filte	r with	the UAF42	2", 1/94, AB-	
	KL	National Sem 12/94, RRD-B	iconduc 30M115	ctor (	Corpora ember	ation, "LMF90- 1994.	4 <sup>th</sup>	-Orde	Ellip	tic Notch	Filter",	
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FORM PT	0-14	49			Atty. Docket No.: C382.12-0180			Serial No.: 10/804,402				
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	LI	ST OF PATENTS APPLICAN	S AND PI T'S INE	UBLICA ORMAT	ATIONS ION	FOR				<b>'</b> ,		
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							Cla	rk E. Smi	th et al.			
							Filing Date / Group Art:					
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	КМ	6, 323, 650	11/27/	/01	Bertness et al.			32,4	426			
	KN	6,329,793	12/11/	/01	Bertness et al.			320	132			
	ко	6,331,762	.12/18/	/01	Bertne	ess		320	134			
	KP	6,332,113	12/18/	/01	Bertne	ess		702	63			
	KQ	4,297,639	10/27/	/81	Branha	am	·	324	429			
	KR	5,653,659	8/5/97	7	Kunibe et al.			477	111			
	KS	6,161,640	12/19	400	Yamaguchi			180	65.8			
	кт	4,351,405	6/28/8	32	Fields et al. ,'			180	65			
	KU	6,359,441	3/16/0	)2	Bertness			324	426 .			
	KV	4,047,091	9/1997	,	Hutchines et al.			363	59			
	KW	5,653,659	8/1997	,	Kunibe et al.			477	111			
	КX	5,637,978	6/1997	7	Kelle	tt/et al.		320	2			
	KY	5,095,223	3/1992	2	Thomas	<u>s'</u>		307	110			
	KZ	5,194,799	3/1993	3	Tomani	tschger		320	2			
	LA	5,754,417	5/1998	3 /	Nicol:	lini	$ egthinspace{1.5em} $	363	60			
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							Cla	rk E. Smi	th et al.			
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	LH	5,818,234	10/199	98	McKinr	non		324	433			
	LI	6,140,797	10/200	00	Dunn			320	<b>1</b> 05			
	LJ	6,181,545	1/200	L .	Amatu	cci et al.		361	502			
•	LK	6,346,795	2/2002	2	Haraguchi et al.			320	136			
	LM	6,347,958	2/2002	2	Tsai			A36	488			
	LN	6,351,102	2/26	22	Troy			/:/320	139			
	ro	6,359,441	3/19/0	)2	Bertne	ess		324	426			
	LP	6,363,303	3/26/0	)2	Bertness			701	29			
	LQ	5,037,778	8/6/91	L	Stark et al.			437	216			
	LR	6,144,185	11/7/0	00	Dougherty et al.			320	132			
	LS	5,711,648	1/27/9	98	Hammerslag			414	786			
	LT	5,927,938	7/27/9	99	Hammer	rslag		414	809			
	LU	5,951,229	9/14/9	9	Hammer	rslag		414	398			
	LV	5,961,561	10/5/9	9	Wakefj	eid, II		701	29			
	LW	5,961,604	10/5/9	9	Anders	on et al.		709	229			
	LX	6,236,332	5/22/0	)1	Conkri	ight et al.		340	825.06			
	LY	6,351,102	2/26/0	)2	<i>ty</i> by			320	139			
	LZ	5,821,757	10/13/	/98	Alvare	ez et al.		324	434			
	MA	6,167,349	12/26/	00/	Alvare	2Z		702	<b>k</b> 3	•		
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L	IST OF PATENTS APPLICAN DISCLOS	T'S IN	FORMA	TION	FOR		Applicant:					
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ME	4,665 370	5/198	7	Holland				324	4/29			
MF	4,361,809	11/19	8.2	Bil et al.				324	<b>/</b> 426			
MG	6,392,414	5/21/	02\	Bertness				324	429	· · · · · · · · · · · · · · · · · · ·		
МН	6,417,669	7/9/0	2	Champlin				3/24/	426			
MI	6,424,158	7/23X	7/23X02 Klang					/32/4	433			
MJ	6,441,585	8/17/	8/17/02 Bertnes				/	/320	132			
MK	6,445,158	9/3/0	2	Bertn	ess et al.			320	104			
ML	6,384,608	5/7/0	2	Namak	у		324		425			
MM	6,388,448	5/14/	02	Cerva	١	//		324	426			
MN	6,307,349	10/23	/01	Koenc	k et al.			320	112			
МО	6,411,098	6/25/	02	Lalet	in 📈			324	436			
MP	6,456,045	9/24/	02	Troy	et al			320	139			
MQ	6,466,025	10/15	/02	Klang				324	429			
MR	6,466,026	10/15	/02	Champ	1 3/2		324		430			
MS	4,564,798	1/14/	36	Young	/			320	6			
MT	5,563,496	10/8/	96	Mcglu:	re			320	48	·		
MU	5,796,239	8/18/	98	an P	huoc et al			320	107			
			FO	REIGN	PATENT DOC	UMENTS	s					
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MV	RU 2089015-C	1 /	8/27	/97	Russia					Abstract Only .		
MW	09061505		3/7/	97.	Japan					Abstract Only		
MX					Japan					Abstract Only		
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NA	4,888 716	12/	19/89	Uen			364	550		
NB	6,495,990 B2	12/	17/02	Cha	mplin		320	132		
NC	4,385,269	5/2	4/83	Asp	oinwall et al.		320	14		
ND	4,686,442	8/1	1/87	Rad	lomski		320	17		
NE	6,061,638	6/9/00		Joy	rce		702	63	· · · · · · · · · · · · · · · · · · ·	
NF	6,359,442	3/1	3/19/02		ningson et al.	$\overline{}$	324	426		
NG	5,541,489	7/30/96		Dun	stan /		320	2		
NH	6,424,157	7/23/02		Gol	lomp et al.		324	430		
NI	6,534,993	3/18/03		Ber	tness		324	433		
ŊJ	6,544,078	4/8/03		Pal	misano et al.		439	762		
. NK	6,556,019	4/29/03		Ber	tnese		324	426		
NL	6,566,883	5/2	0/03	Vonderbaar et al.		324		426		
NM	6,586,941	7/1	/03	Bertness et al.		324		426		
NN	6,597,150	7/2	2/03	Ber	Bertness et al.		320	104		
NO	2002/0171428	11/	21/02	Ber	tness		324	426		
NP	6,263,268	7/1	7/01/	i i	hanson		701	29		
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NQ	WO 00/67359		11/9/0	0	WIPO				. x	
NR	WO 01/51947		7/19/0	1	WIPO			X	х	
NS	WO 98/04970	•	2/5/98		WIPO				Х	
NT	WO 00/62049		10/19/	00	WIPO			1.	х	
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Sheet 19 of 21 Atty. Docket No.: Serial No.: FORM PTO-1449 C382.12-0180 10/804,402 Applicant: LNST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT Clark E. Smith et al. Group Art: Filing Date March 18, 2004 U.S. PATENT DOCUMENTS Filing Date. Examiner Document Sab Class **2**1ass If Appropriate Initial Date Name OA 6,628,011 9/30/03 Droppo et al. 307 43 /14/98 318 OB 5,780,980 Naito 139 323 5/2/95 267 OC Brown 5,412,308 OD 4/24/01 Eggert et al. 320 105 6,222,342 1/20/04 123 179.28 OE 6,679,212 Kelling OF 12/15/98 307 125 5,850,113 Weimer et al. 6/5/01 Burke 320 OG 6,242,887 104 759 OH 6,238,253 5/29/01 Quals 439 al. OI 320 4,056,764 11/1/77 Endo e 3 OJ 12/21/99 361 66 6,005,759 Hartz et Kahkoska OK 6,064,372 5/16/00 345 173 OL6/21/94 Wilson et al. 364 574 5,323,337 OM 5,978,805 11/2/99 Carson 707 10 7/29/03 379 ON 6,600,815 93.07 Walding 364 00 6/1/2/90 200 4,933,845 Hayes 9/9/03 780 OP 6,618,644 231 FOREIGN PATENT DOCUMENTS Sub Translation Document No. Date Country Class Class Yes No 00 OR OS OF OU OV

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FORM PTO-	1449			Att C38	y. Docket 2.12-0180	No.:	Serial No.: 10/804,402		
	LIST OF PATENTS A APPLICANT' DISCLOSU	S INFORM	IATION		Applicant:				
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			U.S.	PATENT DOCUMENTS				/	
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OA	5,982,138	11/9/99	) I	Krieger	320		195		
ОВ	4,620,76	11/4/86	5 0	Woolf	339		255		
ос	4,934,957	6/19/90	) F	Bellusci		439	504		
OD	5,772,468	6/30/98	F	Kowalski et al.		438	506		
OE	5,108,320	4/28/92	. I	Kimber		<b>A</b> 39	883		
OF	5,453,027	9/26/95	E	Buell et al.	439		433		
OG	5,865,638	2/2/98		Trafton	439		288		
ОН	3,796,124	3/12/74		Crosa		85	36		
OI	4,280,457	7/28/81	E	Bloxham	123		198		
OJ	4,160,916	7/10/79		Rapasideris		307	10		
ОК	6,356,042	3/12/02	F	Kanlon et al.		318	138		
OL	6,259,170	7/10/01	. I	Limoge et al.		307	10.8		
ОМ	6,081,109	6/27/00	۶	Seymour et al.	324		127		
ON	6,031,368	2/29/00	0/00 Klippel et al.			324	133		
00	6,211,651	4/3/01/	1	Nemoto	320		133		
OP	6,046,514	4/4/00		Rouillard et al.		307	77		
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OA	6,531,848	3/11/03	Chitsazan et al.		320	153		
ОВ	4,023,882	5/17/77	Pettersson		339	96		
ОС	2,000,665	5/7/35	L.P. Neal		17/3	324		
OD	6,158,000	12/5/00	Collins	ns /13 1				
OE	5,745,044	4X28/98	Hyatt, Jr. et al.		340	825.31		
OF	5,578,915	11/26/96	Crouch, Jr. et al	/	320	48		
OG	5,592,094	1/7/97	Ichikawa		324	427		
ОН	6,275,008	8/14/01	Arai et al.		320	132		
OI	5,872,453	2/15/99	Shimoyama et al.		324	431		
OJ	5,321,627	6/14/94	Reher		364	483		
ОК	4,949,046	8/14/90	Seyfang		324	427		
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